

IN THE CLAIMS:

1. (Currently amended) A method for displaying web browser ~~authentication data information~~, comprising the steps of:

having a user logon to a given realm supported on a server by entering authentication data; and

displaying, ~~given first information on w~~ a web browser frame of a web browser, the given first information indicating that the web browser sent ~~a user id and its accompanying password~~ the authentication data to the server for a targeted URL.

2. (Currently amended) The method as described in Claim 1 wherein the given first information includes ~~the a userid, the display of the userid indicating that the web browser sent the userid to the server.~~

3. (Currently amended) The method as described in Claim 1 wherein the given first information includes a logon icon, the display of the logon icon indicating that the user has successfully executed a logon to the given realm and is currently logged-on.

4. (Original) The method as described in Claim 1 wherein the given first information includes information identifying the realm.

5. (Currently amended) The method as described in Claim 1 further including the steps of:

responsive to the user later attempting to navigate to a restricted URL, displaying a new logon panel; and

following logon by the user using the new logon panel, displaying given second information on the web browser frame, the given second information indicating that the web browser sent ~~a new userid and its accompanying password~~ authentication data to the server for the restricted URL.

6. (Currently amended) The method as described in Claim 3 further including the steps of:

responsive to the user taking a given action, displaying a logoff menu entry; and
responsive to the user selecting the logoff menu entry, deleting ~~the a~~ a userid and password from a basic authentication table.

7. (Original) The method as described in Claim 6 wherein the given action is selecting the logon icon.

8. (Currently amended) A method for ~~display~~ displaying web browser ~~basic authentication data~~ information, comprising the steps of :

having a user logon to a given realm supported on a server by entering authentication data; and

displaying, ~~given first information~~ on a web browser frame of a web browser, the given first information indicating that the web browser successfully sent ~~a userid and its accompanying password~~ the authentication data to the server for a first targeted URL;

responsive to the user later attempting to navigate to a second targeted URL, displaying a new logon panel; and

following logon by the user using the new logon panel, displaying, ~~given second information~~ on the web browser frame, ~~the~~ given second information indicating that the web browser successfully sent a new ~~userid and its accompanying password~~ authentication data to the server for the second targeted URL.

9. (Currently amended) The method as described in Claim 8 wherein the first given information includes ~~the a~~ a userid and the second given information includes ~~the a~~ a new userid.

10. (Currently amended) The method as described in Claim ~~7~~ 8 wherein the given first information and ~~the given~~ second ~~given~~ information includes a logon icon indicating that the user has successfully executed a login and is currently logged-on.

11. (Currently amended) A computer program product in a computer-readable medium for displaying web browser ~~basic authentication data~~ information, comprising:
- means responsive to a user logon to a given realm supported on a server for displaying, ~~given first information~~ on a web browser frame of a web browser, the given first information indicating that the web browser sent a userid and its accompanying password to the server for a first targeted URL;
 - means responsive to the user later attempting to navigate to a second target URL for displaying a new logon panel; and
 - means, responsive to logon by the user using the new logon panel, for displaying ~~given second information~~ on the web browser frame, the given second information indicating that the web browser sent a new userid and its accompanying password to the server for the second targeted URL.
12. (Original) The computer program product as described in Claim 11 wherein the first given information includes the userid and the second given information includes the new userid.
13. (Currently amended) The computer program product as described in Claim 11 wherein the given first information and the given second ~~given~~ information includes a logon icon indicating that the user has successfully executed a login and is currently logged-on.
14. (Currently amended) The computer program product as described in Claim 13 further including:
- means responsive to the user taking a given action with respect to the logon icon for displaying a logoff menu entry; ~~and~~
 - means responsive to the user selecting the logoff menu entry for deleting the userid and password from a basic authentication table; and
 - means for indicating that the user has logged ~~onto~~ off the given realm.

15. (Currently amended) A computer program product for displaying web browser ~~authentication data~~ information, comprising:

means responsive to a user logon to a given realm supported on a server for displaying, ~~a userid~~ on a web browser frame of a web browser, ~~the userid~~ an identifier of the user indicating that the web browser sent ~~the~~ a userid and its accompanying password to the server for a targeted URL; and

means for displaying, ~~a logon icon~~ on the web browser frame, ~~the~~ a logon icon to indicate that the user has successfully and is currently logged onto the given realm.

16. (Currently amended) A client computer, comprising:

a processor;

system memory;

a web browser; and

an authentication data display routine, comprising:

means responsive to a user logon to a given realm supported on a server for displaying, ~~a userid~~ on a web browser frame of the web browser, ~~the userid~~ indicating an indicator to indicate that the web browser sent ~~the~~ a userid and its accompanying password to the server for a targeted URL; and

means for displaying, ~~a logon icon~~ on the web browser frame, ~~the~~ a logon icon indicating to indicate that the user has successfully and is currently logged onto the given realm.

17. (Currently amended) A method for displaying web browser ~~cookie data~~ information, comprising the steps of:

~~having~~ connecting a user ~~connect~~ device to a targeted domain and path on a server, the user device having a web browser; and

displaying, ~~given first information~~ on a web browser frame of the web browser, ~~the~~ given first information indicating that the web browser sent a cookie to the ~~server~~ for the targeted domain and path on the server.

18. (Original) The method as described in Claim 17 wherein the given first information includes a cookie icon.
19. (Original) The method as described in Claim 17 wherein the given first information includes a count of a number of cookies sent to the server for the targeted URL.
20. (Original) The method as described in Claim 17 further including the step of:
responsive to the user taking a given action with respect to the cookie icon,
displaying a list of one or more cookies sent to the server for the targeted URL.
21. (Original) The method as described in Claim 20 further including the step of:
displaying a control dialog to enable the user to modify a cookie identified in the list; and
modifying cookie.
22. (Original) The method as described in Claim 20 further including the step of:
displaying a control dialog to enable the user to delete a cookie identified in the list; and
deleting the cookie.
23. (Original) The method as described in Claim 20 further including the step of:
displaying a control dialog to enable the user to block a cookie identified in the list; and
blocking the cookie.
24. (Original) The method as described in Claim 20 further including the step of:
displaying a control dialog to enable the user to unblock a cookie identified in the list; and
unblocking the cookie.

25. (Currently amended) A method for ~~using cookie data~~ operating an apparatus having a web browser, comprising the steps of:

responsive to a user attempt to retrieve a URL with ~~a~~ the web browser,
determining whether the URL ~~has~~ matches at least a portion of an entry in a table; and if so, retrieving cookie data from the entry if it is determined that the entry is marked in the table as unblocked; and
sending the cookie data with the URL to a server.

26. (Currently amended) The method as described in Claim 25 further including the steps of:

responsive to receipt of data from the server, determining whether the data includes new cookie data;
if the data includes new cookie data, determining whether the user desires to accept the new cookie data; and if so, displaying a cookie icon on a frame of the web browser.

27. (Original) The method as described in Claim 26 further including the steps of:

responsive to the user taking a given action with respect to the cookie icon,
displaying a list of cookies for the URL.

28. (Original) The method as described in Claim 27 further including the steps of:
displaying a control dialog to enable the user to take a given action with respect a cookie identified in the list; and

taking the given action.

29. (Original) The method as described in Claim 28 wherein the given action is modifying the cookie.

30. (Original) The method as described in Claim 28 wherein the given action is deleting the cookie.

31. (Original) The method as described in Claim 28 wherein the given action is setting the cookie as blocked.

32. (Original) The method as described in Claim 28 wherein the given action is setting the cookie as unblocked.

33. (Currently amended) A computer program product in a computer-readable medium comprising:

means₁ responsive to a user device connecting to a targeted domain and path on a server₁ for displaying ~~given first information~~ on a web browser frame of a web browser, ~~the given first information~~ indicating that the web browser sent a cookie to the ~~server~~ for the targeted domain and path on the server; and

means₂ operative in a current web browser session₂ for displaying a list of cookies sent to ~~the server~~ for the targeted domain and path on the server.

34. (Original) The computer program product as described in Claim 33 further including means for modifying a cookie identified in the list.

35. (Original) The computer program product as described in Claim 33 further including means for deleting a cookie identified in the list.

36. (Original) The computer program product as described in Claim 33 further including means for setting a cookie in the list as blocked.

37. (Original) The computer program product as described in Claim 33 further including means for setting a cookie in the list as unblocked.

38. (Currently amended) A computer program product in a computer-readable medium ~~for using cookie data~~, comprising:

means responsive to a user attempt to retrieve a URL with a web browser for determining whether the URL ~~has~~ matches at least a portion of an entry in a table;

means, responsive to a match of the URL with at least a portion of the entry, for retrieving cookie data from the entry ~~in~~ if it is determined that the entry is marked in the table as unblocked; and

means for sending the cookie data with the URL to a server.

39. (Currently amended) The computer program product as described in Claim 38 further including:

means responsive to receipt of data from the server for determining whether the data includes new cookie data;

means responsive to a determination that the data includes new cookie data for determining whether the user desires to accept the new cookie data; and

means, responsive to a determination that the user desires to accept the new cookie data, for displaying a cookie icon on a frame of the web browser.

40. (Original) The computer program product as described in Claim 39 further including:

means responsive to the user taking a given action with respect to the cookie icon for displaying a list of cookies for the URL.

41. (Original) The computer program product as described in claim 40 further including:

means for displaying a control dialog to enable the user to take a given action with respect a cookie identified in the list; and

means responsive to user input for taking the given action.

42. (Original) The computer product program as described in Claim 41 wherein the given action is selected from a set of given actions consisting of: modifying a cookie in the list, deleting a cookie in the list, setting a cookie in the list as blocked, and setting a cookie in the list as unblocked.